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UKRAINIAN METALLURGICAL PLANTS SPEED UP AND INCREASE PA DUCTION

STALING BLAST-FURNACE SHOP IMPROVES OPERATIONS -- MOSCOW, Trud, 8 Apr 51

Blast-furnace workers of the Stalino Metallurgical Plant imeni Stalin pledged to reach a coefficient of furnace utilization of 0.94 for the entire blast-furnace shop, to reduce consumption of coke by 10 kilograms per ton of pig iron, and to reduce planned nonoperating periods 0.5 percent. The blastfurnace shop fulfilled the January plan for pig-iron smelting 103.6 percent and the February plan 111.8 percent. The first-quarter plan was completed ahead of

During March, the average coefficient of utilization of furnace capacity for the entire blast-furnace shop was 0.91, as against the progressive norm of 1.06.

Moscow, Izvestiya, 24 May 51

The blast-furnace shop of the Metallurgical Plant iveni Stalin was the first in the Donbass to fulfill the 5-month plan for pig-iron smelting. The coefficient of blast furnace utilization reached 0.89, as compared with the planned norm of 0.96.

Trud, 12 Jun 51

The blast-furnace shop of the Metallurgical Plant imeni Stalin has revised its former pledges and has promised to smelt 30,000 tons of high-grade pig iron above plan in 1951, instead of 18,000 tons as previously pledged. The shop fulfilled the 5-month plan 106.5 percent and reached a coefficient of blast-furnace utilization of 0.91, as against 0.96 provided by plan. During a 5-month period, the shop produced more than 3,000 tons of pig iron above plan. The blast-furnace workers have eliminated production waste; in 1950, the shop produced 1,693 tons of defective metal, whereas in the first 5 months of 1951 not a single kilogram of faulty metal was produced.

- 1 -

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BLAST FURNACE RECONSTRUCTION HELPS STREAMLINE OPERATIONS ${ widtharping}$ Moscow, Trud, 12 Jun 51

During the war, blast furnace No 2 of the Metallurgical Plant imeni Petrovskiy in Dnepropetrovsk was destroyed. This furnace has been reconstructed and is now again in operation. As compared with about 150 persons required to operate the furnace in former times, the work is now done by 22 workers only. Before the war, about 50 men were needed for charging the furnace, whereas only five men can do the job at present, including two mechanics, one electrician, one mechanic's assistant, and one auxiliary worker. At the same time, operation of the blast furnace has been speeded up and it now produces more metal than before the war.

"AZOVSTAL:" PIANT MAKES IMPROVEMENTS -- Leningradskaya Pravda, 31 May 51

The "Azovstal'" Plant has shipped a large quantity of special rolled steel, i.e., steel sheet-piling, to large construction projects. The production of steel sheet-piling was recently introduced at the "Azovstal'" Plant. The plant has made some recent improvements and is now producing sheet-piling of shaped profiles. This type of piles is lighter and more watertight than the former type.

Alma-Ate, Kezakhstanskaya Pravda, 13 Jul 51

Steelworkers of the "Azovstal" Plant are competing in an effort to prolong the Service period of open-hearth furnaces. A record figure of 181 melts was reached in one period between repairs; during this time, 12,500 tons of steel were produced above plan. This service period without repairs is without precedent in the case of tilting open-hearth furnaces. It was achieved by means of intermediate repairs during operations.

Kiev, Pravda Uhrainy, 22 Jul 51

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The "Azovstal" Metallurgical Plant in Zhdanov fulfilled the Five-Year Plant as follows for production of pig iron, on 9 October; for steel, on 23 September; and for immercial rolled steel, on 17 August 1950. However, during the first quarte: 1951 the plant has had serious shortcomings in its operation and has failed to produce the required quantities of pig iron, steel, and rolled steel.

The plant has promised to make up for its lag in production and to fulfill the 1950 plan ahead of schedule, producing above plan 2,000 tons of pig iron, 3,000 tons of steel, and 11,000 tons of rolled steel.

DNEPRODZERZHINSK PLANT PLEDGES INCREASED PRODUCTION --- Kiev, Pravda Ukrainy, $^{\rm L}$ Jul 51

The Dneprodzerzhinsk Metallurgical Plant imeni Dzerzhinskiy has pledged to fulfill the 1951 plan shead of schedule and to produce 50,000 tons of pig iron, 15,000 tons of steel, and 20,000 tons of commercial (tovarnyy) rolled steel above plan, to improve utilization of equipment and reach a coefficient of furnace utilization of 0.84, and to attain the following indexes for steel output per square meter of furnace hearth in a 24-hour period: open-hearth shop No 1, 4.5 tons; and open-hearth shop No 2, 7.2 tons.

The plant also pledged to lower consumption of raw material, other materials, and electric power and to reduce all other expenses, thereby lowering production costs by 10 million rubles below plan; to introduce new techniques for improving

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the quality of sinter, to intensify the operation of open-hearth and blast furnaces, to introduce desulfurization of pig iron outside the blast furnace, and to begin the smelting of new types of steel in Bessemer converters and the production of new types of rolled steel. By mechanizing the processing of slag dumps, 60,000 tons of metal scrap are to be extracted in 1951.

COMPARES PROGRESS OF TWO UKRAINIAN PIANTS -- Kiev, Pravda Ukrainy, 11 Jul 51

Open-hearth shop No 2 of the Metallurgical Plant imeni Dzerzhinskiy has increased steel production during the past 10 years. The following table shows its output of steel per square meter of furnace hearth (in tons):

1941	1946	1947	1948	1949	1950
4.4	3.99	4.2	5.83	6.8	6,99

In 1951, steel output in open-hearth shop No 2 has exceeded 7.2 tons per square meter.

On the other hand, the "Zaporozhstal'" Plant has made very little progress, as shown below (in tons per square meter):

1941	1948	1949	1950
5-39	5.25	h.81	5.03

During the first 6 months of 1951, the 'Zaporozhstal'' Planc produced an average of 5.68 tons per square meter of furnace hearth.

Open-hearth shop No 2 of the Plant imeni Dzerzhinskiy has exceeded the prevar output of steel more than 60 percent. The "Zaporozhstal:" Plant has only alightly exceeded its prevar level.

YENAKIYEVO PLANT SUPPLIES METAL TO LARGE CONSTRUCTION PROJECTS -- Stalinabad, Kommunist Tadzhikistana, 10 Jun 51

The Yenakiyevo Metallurgical Plant fulfilled the first 6-month plan for production of metal ahead of schedule. The plant shipped six trainloads of railroad and mine rails, girders, reinforcement steel, sheet iron, and foundry iron to builders of the Volga-Don Canal and the Kuybyshev and Stalingrad hydroelectric power stations.

PLANT BLAMED FOR DELAY IN METAL DELIVERY .. Kiev, Pravda Ukrainy, 20 May 51

The Stalino Steel Structures Plant received its first order for parts of locks for the Volga-Don Canal construction project. Everything was ready at the plant for production of these parts. However, fulfillment of the order is being delayed because the Uneprodzerzhinsk Metallurgical Plant imeni Dzerzhinskiy has not yet begun to deliver the wetal necessary for these steel structures.

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- 3 -

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